

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10017560 -1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): J Barry Shackelford

Confirmation No.: 3502

Application No.: 10/047045

Examiner: Marschel, Ardin H

Filing Date: Jan 14, 2002

Group Art Unit: 1631

Title: Circuit And Method For Pipelined Code Sequence Searching

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ( ) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")  
(X) Other: Response to Restriction Requirement (fee \$ )

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$86	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Date of Deposit: April 6, 2004

Typed Name: Ann Jesus

Signature:

Respectfully submitted,

J Barry Shackelford

By

Denise A. Lee

Denise A. Lee

Attorney/Agent for Applicant(s)  
Reg. No. 35,931

Date: April 6, 2004

Telephone No.: 650 236 4868

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, P O Box 1450, Alexandria VA 22313-1450

By

Date April 6, 2004



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: **J. Barry Shackelford**  
Serial No: **10/047,045**  
Filed: **January 14, 2002**

Group Art Unit: **1631**  
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Title: **Circuit and Method for Pipelined Code Sequence Searching**  
Attorney Docket: **10017560-1**

**Response to Restriction Requirement**

Sir:

This is in response to the restriction requirement mailed March 19, 2004, wherein the claims were grouped to the following categories:

- I. Claims 1-11, drawn to a circuit arrangement for searching a parent code for a target code sequence utilizing a matching classified in class 703, subclass 11.
- II. Claims 12-23, drawn to a method and apparatus for parallel searching for a parent code sequence for a target code sequence, classified in class 702, subclass 19.

In response to the restriction requirement Applicant elects Claims 1-11 (Group I).

Respectfully submitted,

By Denise A. Lee  
Denise A Lee  
Reg. No. 35,931

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Dated: April 06, 2004  
Telephone: 650/236-4868